

**S1 Table**

Name	List of oligonucleotides	Application	Notes
Teb1_6HN_F	<i>TAAGGCCTCTGTCGACAGGTCTATGAAA</i> <u>CCTCCAGGGT</u>	1	italics: sequence derived from the target plasmid pEcoli-NTerm 6xHN underlined: start of the Teb1 ORF excluding the first ATG codon
Teb1_6HN_R	<i>CAGAATTCGCAAGCTTCTATCCCCGGTT</i> <u>GTCGCCACGGT</u>	1	italics: sequence derived from the target plasmid pEcoli-NTerm 6xHN underlined, sequence from 3' end of Teb1 ORF
fwMug152	<i>GCCGCTGCAGGCCAACCTCCTTCATTA</i>	1	
rvMug152nostop	<u>ATTAGTCGACTCCCCGGTTGTCCCACGG</u> TAT	1	underlined: <i>Sall</i> site
fwSallpsiteGSTstart	<u>TAATGTCGACCTGGAAGCTTCTGTTCCAG</u> <i>GGGCCCATGTCCTATACTAGGTTATT</i>	1	underlined: <i>Sall</i> site italics: sequence encoding <i>PreScission</i> protease cleavage site
rvGSTstopNotI	<u>TAATGCGGCCGCTCAATCCGATTGGAA</u> GGATGGTCGC	1	underlined: <i>NotI</i> site
Taz1_6HN_F	<i>TAAGGCCTCTGTCGACATAAGCGTGCAA</i> <u>AGTACAGAAACG</u>	2	italics: sequence derived from the target plasmid pEcoli-NTerm 6xHN underlined: start of the Taz1 ORF excluding the first ATG codon
Taz1_6HN_R	<i>CAGAATTCGCAAGCTTAGATTGATAATT</i> <u>AACAAGCTCTTC</u>	2	italics: sequence derived from the target plasmid pEcoli-NTerm 6xHN underlined, sequence from 3' end of Taz1 ORF
HsTEL_S	<u>GTTAGGGTTAGGGTTAG</u>	3,4	
HsTEL_A	<u>CTAACCCCTAACCTAAC</u>	3,4	
SpTEL_S	<u>TTACAGGGGGTTACAGGG</u>	3,4	
SpTEL_A	<u>CCCTGTAACCCCTGTAA</u>	3,4	
HisBox_S	<u>AGGGTTAGGGTTGTGAT</u>	3,4	
HisBox_A	<u>ATCACAAACCTAACCC</u>	3,4	
HisBoxMut_S	<u>AGGGTGTGAGTTGTGAT</u>	3	underlined: sequence different from the wild-type HisBox
HisBoxMut_A	<u>ATCACAACTCACACCC</u>	3	underlined: sequence different from the wild-type HisBox
HisBoxFlank_S	<u>GAAATTAGGGCCACAGC</u>	3	underlined: sequence different from the wild-type HisBox
HisBoxFlank_A	<u>GCTGTGGCCCTAACATT</u>	3	underlined: sequence different from the wild-type HisBox
HisBoxFlank 3'_S	<u>AGGGTTAGGGCCACAGC</u>	3	underlined: sequence different from the wild-type HisBox
HisBoxFlank 3'_A	<u>GCTGTGGCCCTAACCC</u>	3	underlined: sequence different from the wild-type HisBox
HisBoxFlank 5'_S	<u>GAAATTAGGGTTGTGAT</u>	3	underlined: sequence different from the wild-type HisBox
HisBoxFlank 5'_A	<u>ATCACAAACCTAACATT</u>	3	underlined: sequence different from the wild-type HisBox
HisBoxFlank Part_S	<u>AGGGTTAGGGTTACAGC</u>	3	underlined: sequence different from the wild-type HisBox
HisBoxFlank Part_A	<u>GCTGTAAACCTAACCC</u>	3	underlined: sequence different from the wild-type HisBox

**Supplementary table 1** List of oligonucleotides (*continued*)

Name	sequence 5'→3'	Application	Notes
SpTEL-M1_S	TTACAGGGGGTTAGAGGG	3	underlined: sequence different from SpTEL
SpTEL-M1_A	CCCTCTAAC <u>CCCCTGTAA</u>	3	underlined: sequence different from SpTEL
SpTEL-M2_S	TTACAGGGGGTT <u>TAC</u> GGGG	3	underlined: sequence different from SpTEL
SpTEL-M2_A	CCCC <u>GTAAC</u> CCCCTGTAA	3	underlined: sequence different from SpTEL
SpTEL-M3_S	TTACAGGGGGTT <u>AG</u> GGGG	3	underlined: sequence different from SpTEL
SpTEL-M3_A	CCCC <u>CTAAC</u> CCCCTGTAA	3	underlined: sequence different from SpTEL

1 Preparation of the plasmid p6HN-Teb1-GST

2 Preparation of the plasmid p6HN-Taz1

3 EMSA experiments

4 Fluorescence anisotropy analysis